**System Requirements**

All users need to be aware of several system requirements before using the SPEAR system, including browser options, PDF software and email notifications.

**Minimum system requirements**

* Windows computer (Windows 8 or later)
* 1024 x 768 screen resolution
* Windows: 1.5 GHz processor speed and 50% free CPU
* Installation of anti-virus software in line with the Subscriber Security Policy.

**Supported web browsers**

* Chrome on Windows - latest stable version
* Firefox on Windows - latest stable version
* Microsoft Edge on Windows - latest stable version.

**Internet access**

* The SPEAR System is a web-based platform. Subscribers must have an adequate level of internet access to be able to use the system’s functionality.

**Accessing documents**

* A PDF reader is required to view PDFs. If the web browser does not support PDFs natively, software such as Adobe Reader can be used. The latest version is recommended however version 5.x and later will be sufficient for reading PDF files stored in SPEAR.

**Digital certificate installation requirements**

Surveying organisations, lodging parties and Responsible Authority subscribers require at least one Certificate Manager with a digital certificate. Additional users with signing permissions also require a digital certificate to digitally sign documents and decisions in SPEAR. Currently, DigiCert Gatekeeper is the only certificate authority supported by SPEAR.

You will need to ensure you have the appropriate system permissions to be able to install a digital certificate. Please contact your IT department/provider if this is not the case.

If you are installing your certificate onto a USB token, the following requirements will also need to be met:

* A secure USB token provided by Land Use Victoria for certificate storage
* An available standard USB 2.0/3.0 port
* Gemalto SafeNet hard-token driver software. [Download Here](https://www.digicert.com/kb/code-signing/safenet-client-installation.htm)

**SPEAR Signing Application system requirements**

To digitally sign in SPEAR, you will also need to install the SPEAR Signing Application. The following system requirements apply:

* x64-based processor **Note:** ARM-based processors are not supported
* 64-bit Windows operating system
* Appropriate system permissions to install the application on your organisation systems.

**Digital certificate signing requirements**

* Signing may not work with an active VPN or on a remote desktop application.
* Exceptions to security and firewalls may be required to allow the .signing file and SPEAR Signing Application to communicate.
* If you use SSL decryptions / inspections, an exclusion rule should be added for the following domain: [www.spear.land.vic.gov.au](http://www.spear.land.vic.gov.au)